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| Substitute for form 1449A/PTO | | | | <i>Complete if Known</i> | |
| | | | | Application Number | 10/590,271 |
| | | | | Filing Date | August 22, 2006 |
| | | | | First Named Inventor | Shunpei YAMAZAKI |
| | | | | Group Art Unit | 2814 |
| | | | | Examiner Name | Jahan Bilkis |
| Sheet | 1 | of | 1 | Attorney Docket Number | 0756-7804 |

U.S. PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | U.S. Patent Document | | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|--------------------|-----------------------|----------------------|--------------------------------------|---|---|---|
| | | Number | Kind Code ² (if known) | | | |
| | | 5,990,496 | | Kunisato et al. | 11/23/1999 | |
| | | 6,162,656 | | Kunisato et al. | 12/19/2000 | |
| | | 6,040,520 | | Morooka et al. | 03/21/2000 | |
| | | | | | | |
| | | | | | | |
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FOREIGN PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T ⁴ |
|--------------------|-----------------------|-------------------------|-----------------------------------|---|---|---|----------------|
| | | Office ³ | Number ⁴ (if known) | | | | |
| | | CN | 1169036 | | 12/31/1997 | | Abst. |
| | | CN | 1204159 | | 01/06/1999 | | Abst. |
| | | EP | 0 803 916 | | 10/29/1997 | | Eng. |
| | | EP | 1 453 112 | | 09/01/2004 | | Eng. |
| | | | | | | | |
| | | | | | | | |
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OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

| | | | |
|-------------------|-----------------------|---|----------------|
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| | | Office Action (Application Serial No. 200580006883.6) dated April 4, 2008. | Full |
| | | | |

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